

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009376.D
 Acq On : 29 Jun 2022 16:31
 Operator : KP/MD
 Sample : N3462-03
 Misc : 4.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-9-11-20220622

Quant Time: Jun 29 17:45:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

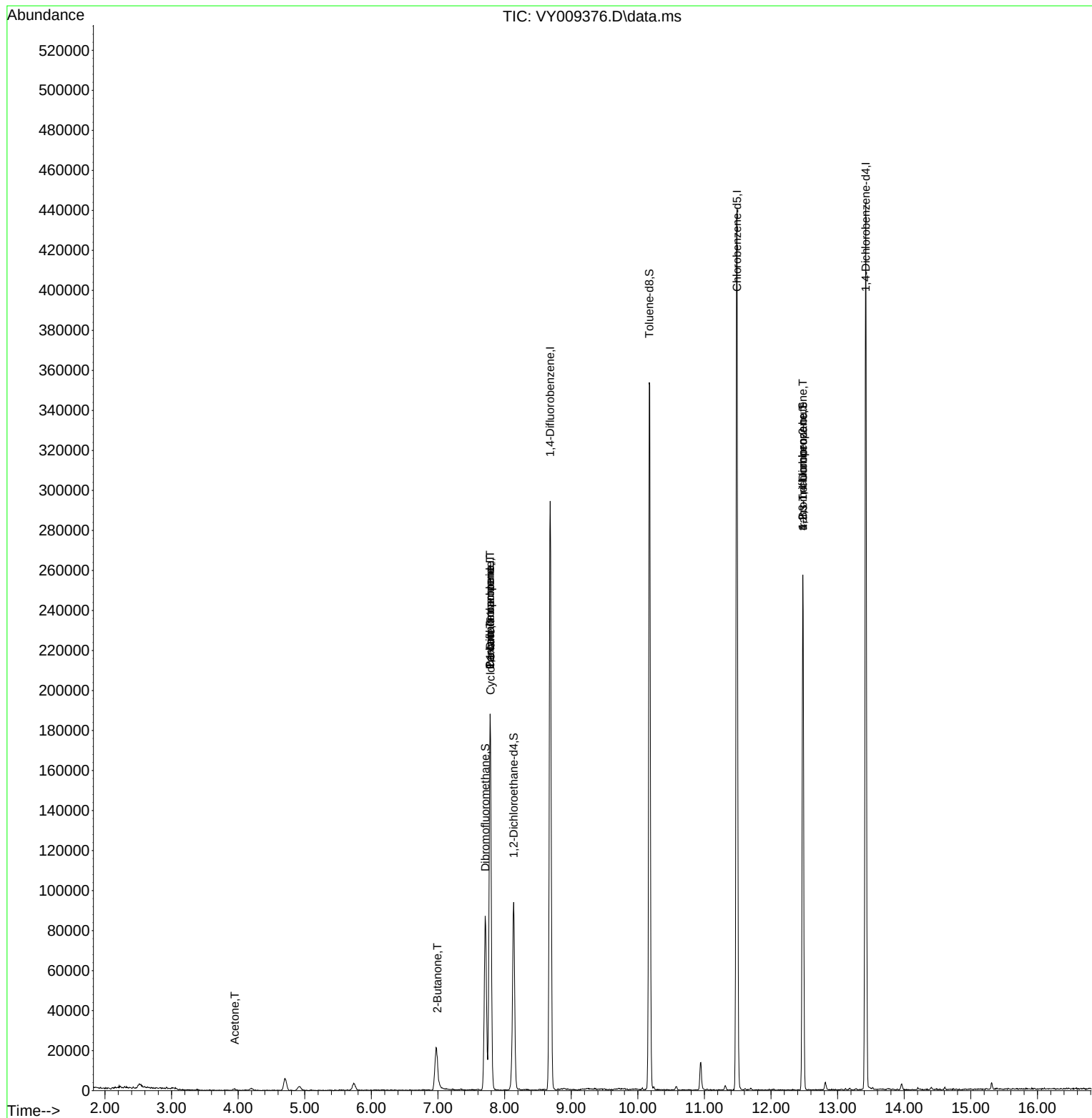
Internal Standards						
1) Pentafluorobenzene	7.783	168	146709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67910	57.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.580%
35) Dibromofluoromethane	7.709	113	58827	42.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.800%
50) Toluene-d8	10.172	98	228945	53.815	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.620%
62) 4-Bromofluorobenzene	12.477	95	72822	36.092	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	497	Below Cal	#	77
16) Acetone	3.948	43	1147	2.972	ug/l	97
18) Methyl Acetate	4.478	43	20	Below Cal	#	56
20) Methylene Chloride	4.698	84	4523	Below Cal	#	74
25) 2-Butanone	6.990	43	1468	2.399	ug/l	# 81
31) Cyclohexane	7.789	56	2999	1.135	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	11467	4.726	ug/l	# 49
38) Carbon Tetrachloride	7.783	117	14177	5.590	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	39213	31.181	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	39213	69.424	ug/l	# 7

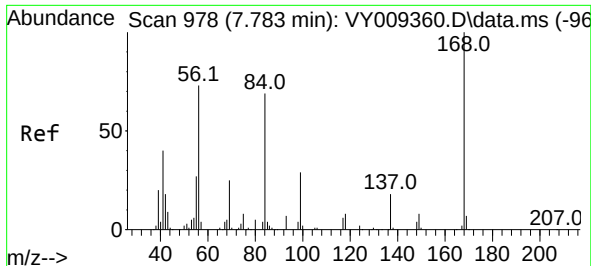
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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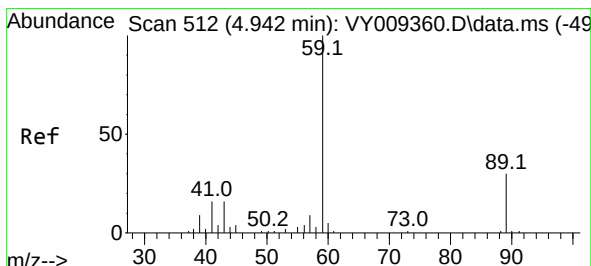
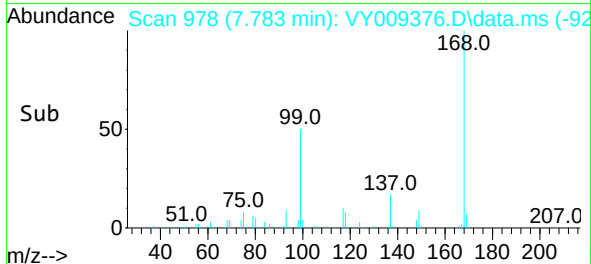
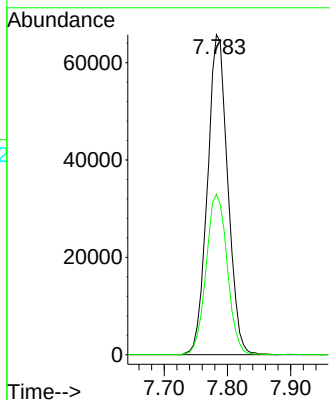
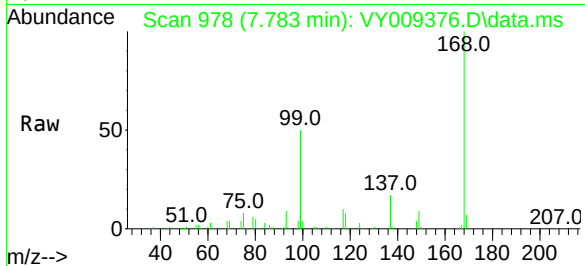




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

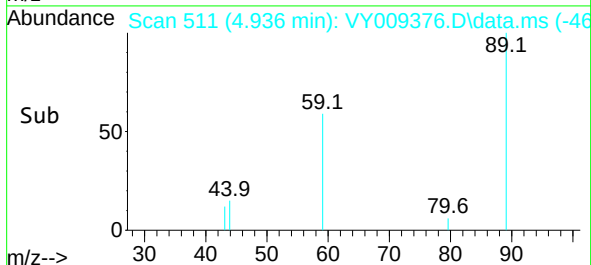
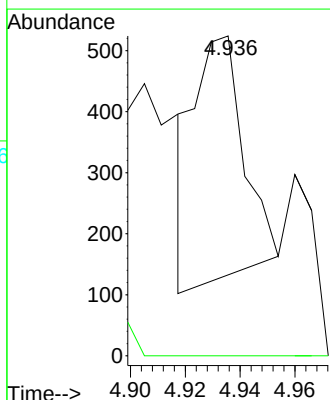
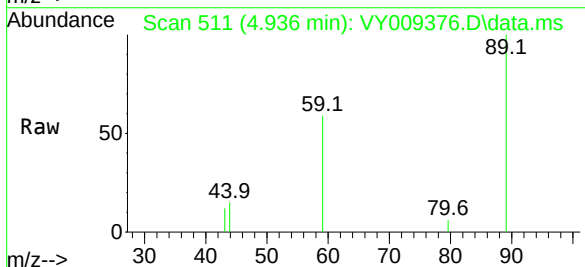
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9-11-20220622

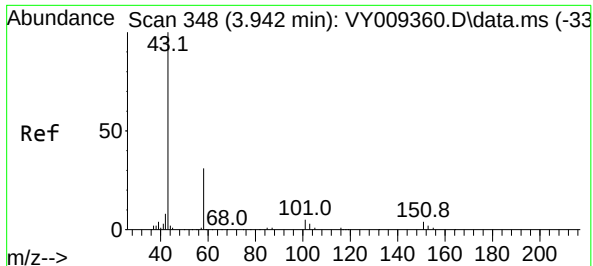
Tgt Ion:168 Resp: 146709
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

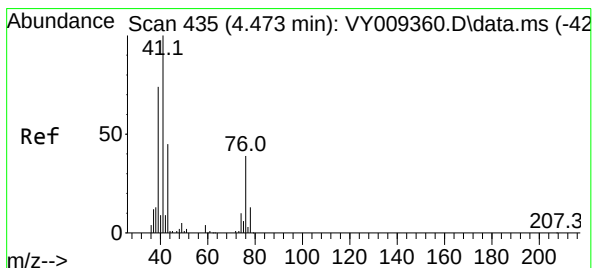
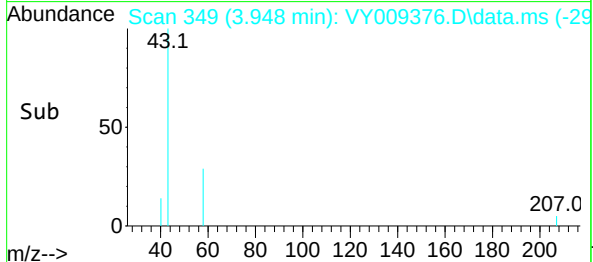
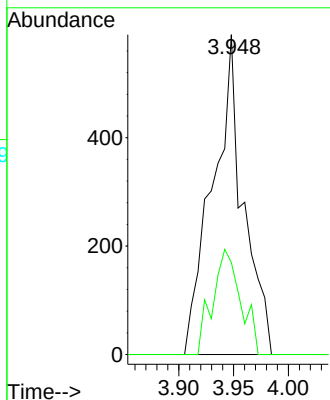
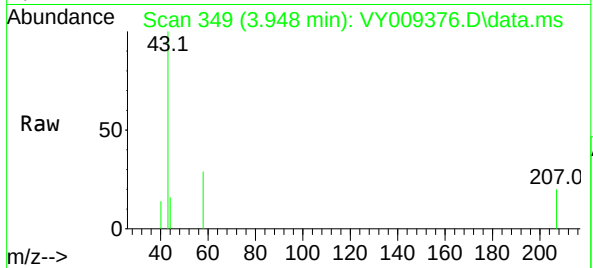




#16
Acetone
Concen: 2.972 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

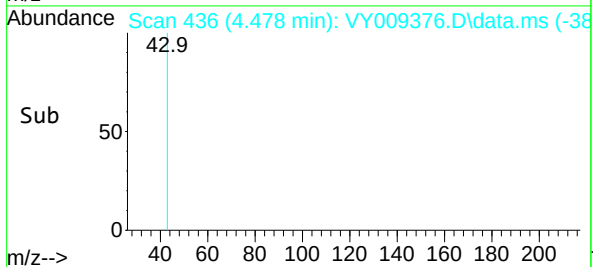
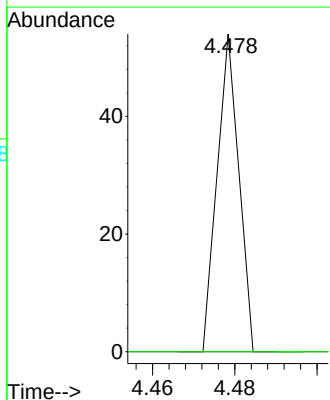
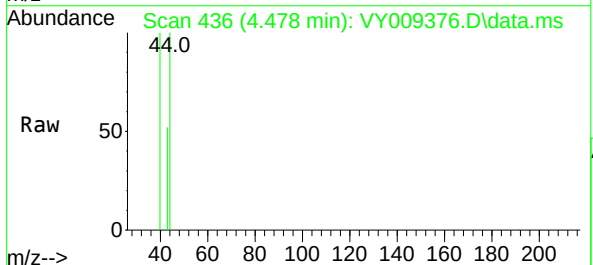
Instrument :
MSVOA_Y
ClientSampleId :
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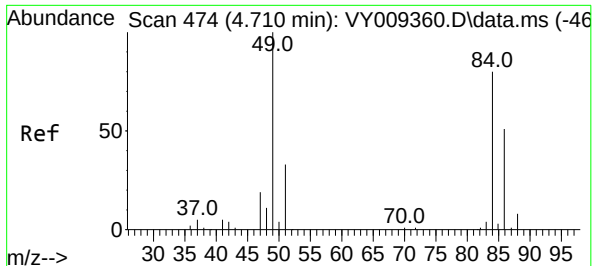
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 28.8 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

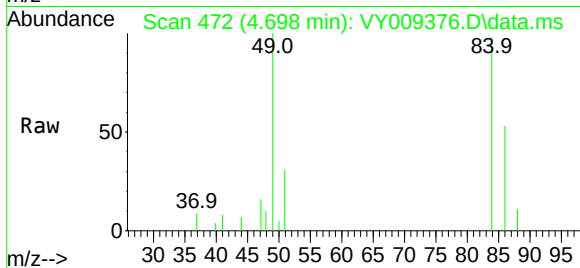
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





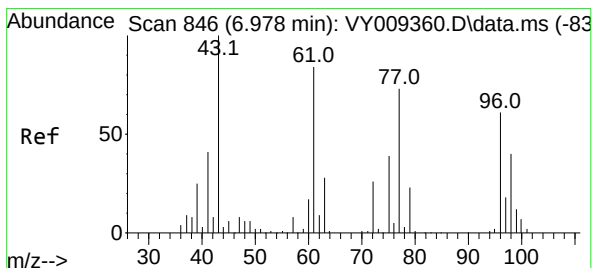
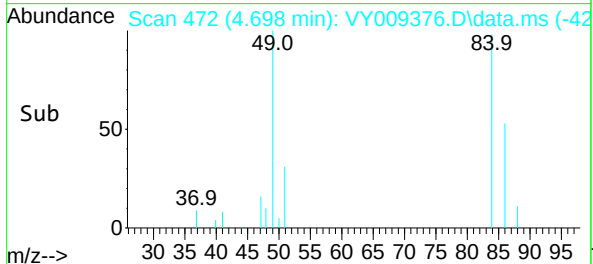
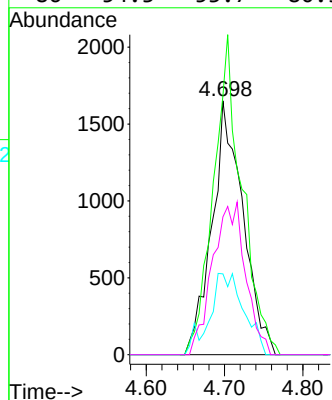
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9-11-20220622



Tgt Ion: 84 Resp: 4523

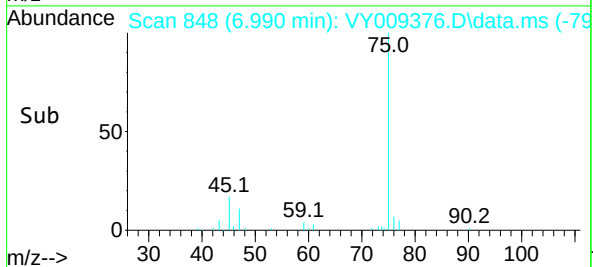
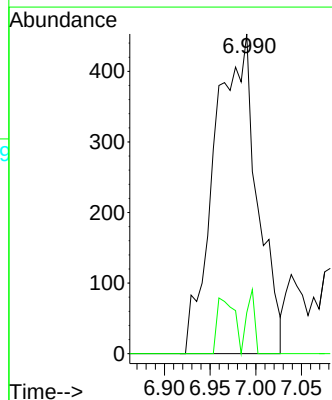
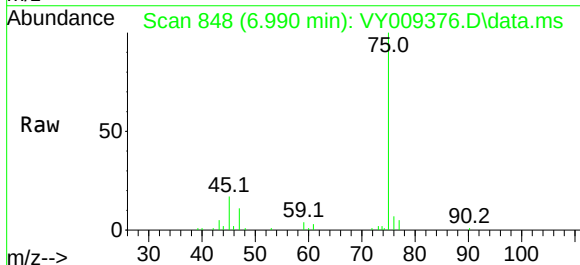
Ion	Ratio	Lower	Upper
84	100		
49	102.0	114.4	171.6#
51	31.9	35.3	52.9#
86	54.3	53.7	80.5

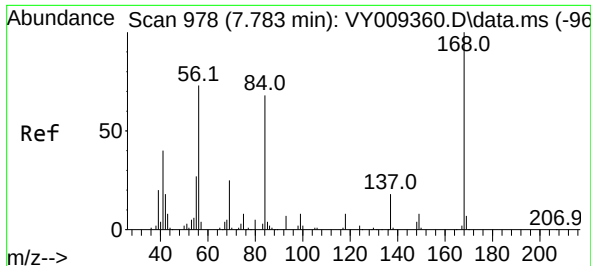


#25
2-Butanone
Concen: 2.399 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Tgt Ion: 43 Resp: 1468

Ion	Ratio	Lower	Upper
43	100		
72	12.8	17.7	26.5#

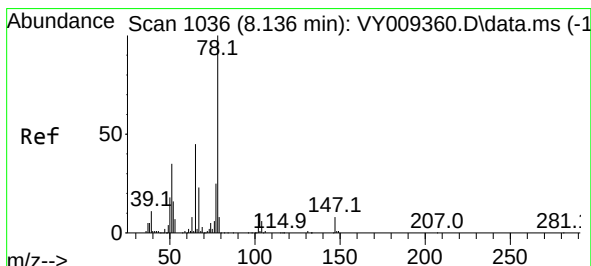
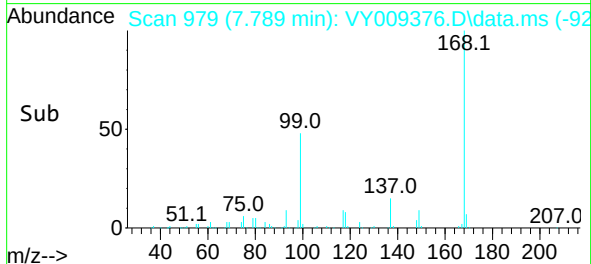
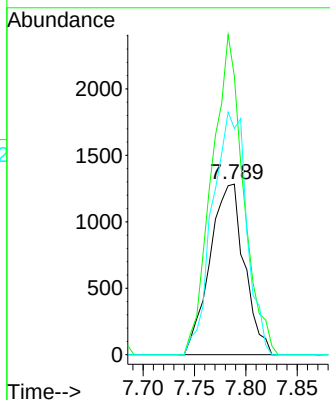
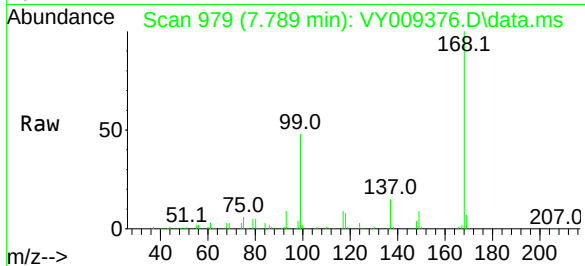




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

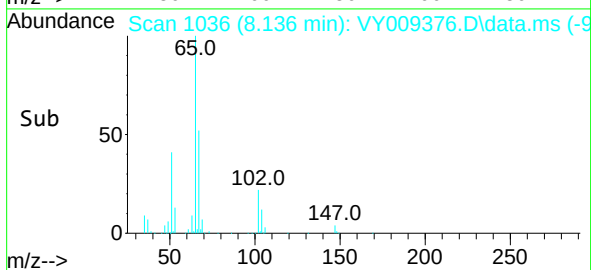
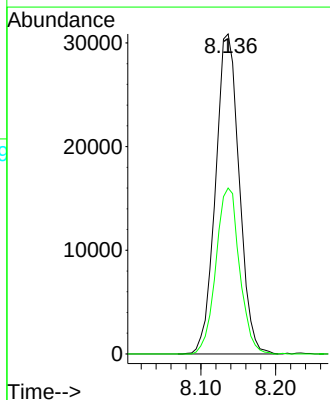
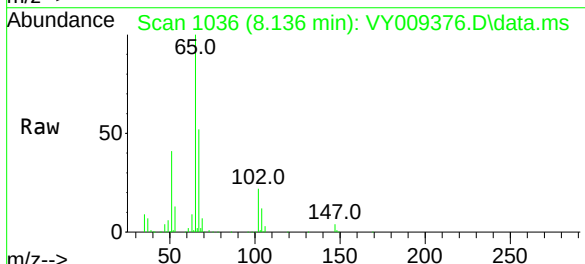
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9-11-20220622

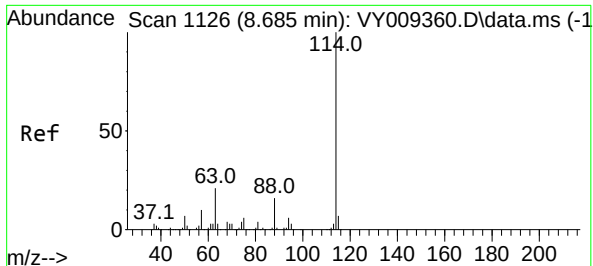
Tgt Ion: 56 Resp: 2999
Ion Ratio Lower Upper
56 100
69 163.2 26.7 40.1#
84 132.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.792 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Tgt Ion: 65 Resp: 67910
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009376.D

Acq: 29 Jun 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-9-11-20220622

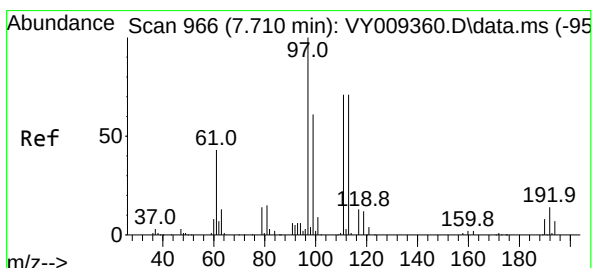
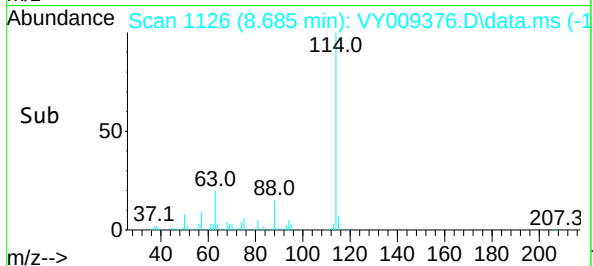
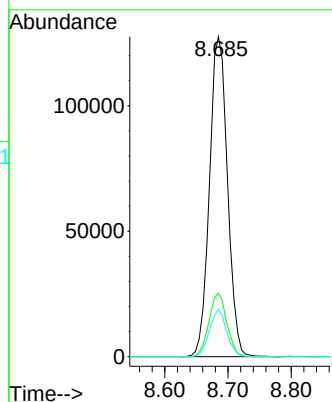
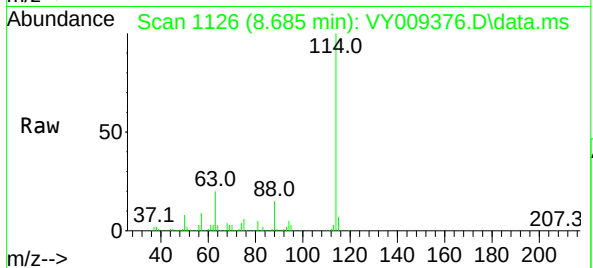
Tgt Ion:114 Resp: 252115

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.395 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009376.D

Acq: 29 Jun 2022 16:31

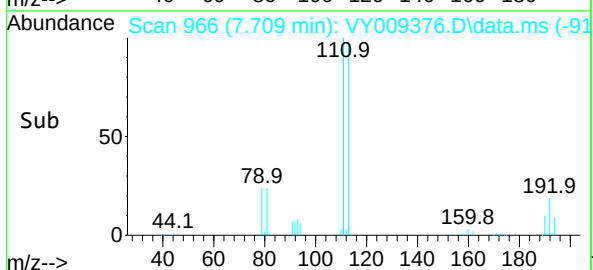
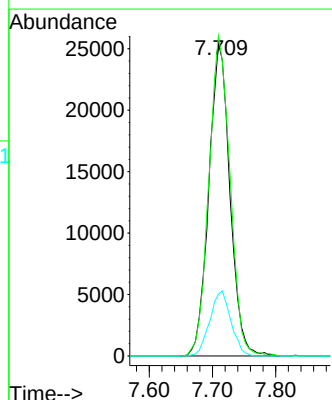
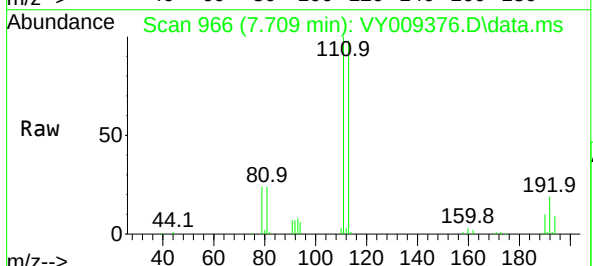
Tgt Ion:113 Resp: 58827

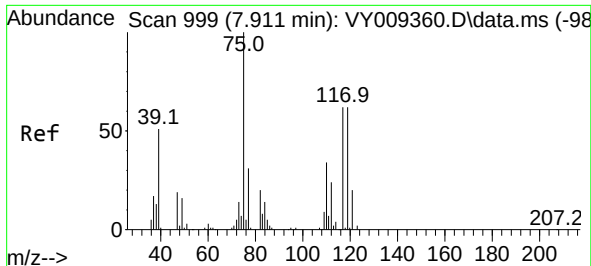
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.8 17.6 26.4

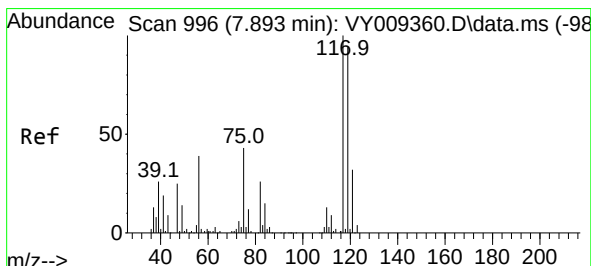
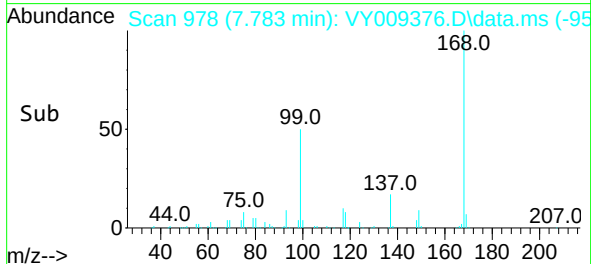
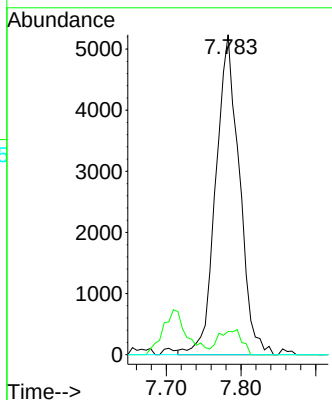
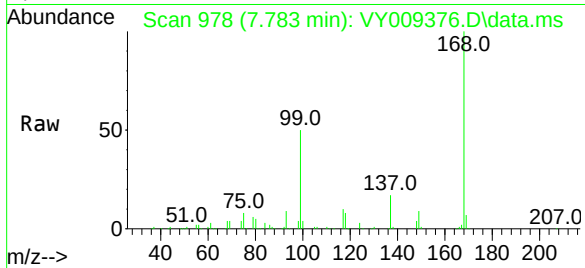




#36
1,1-Dichloropropene
Concen: 4.726 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

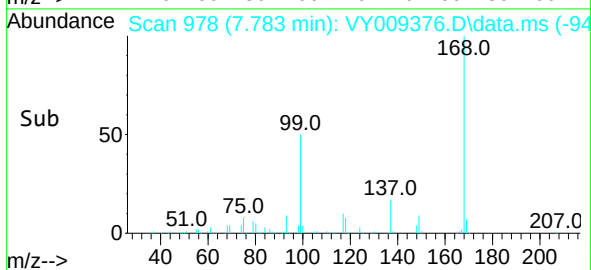
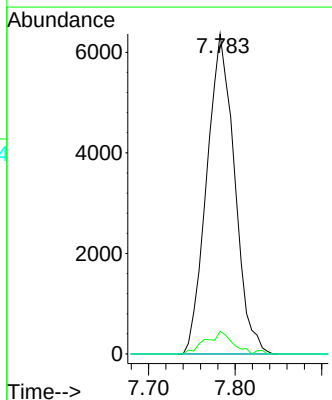
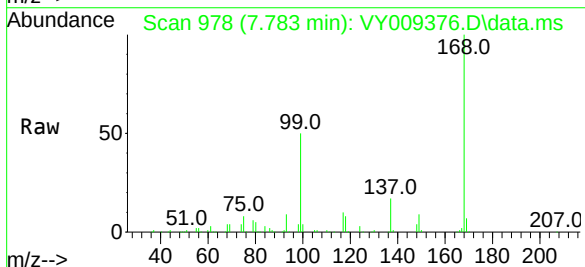
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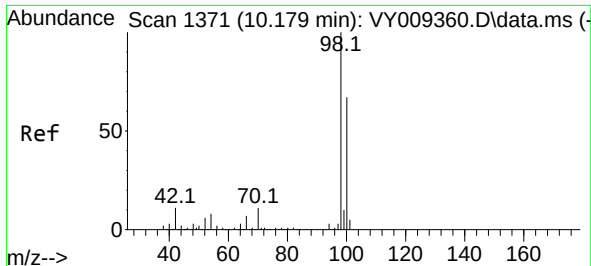
Tgt Ion: 75 Resp: 11467
Ion Ratio Lower Upper
75 100
110 7.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.590 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Tgt Ion: 117 Resp: 14177
Ion Ratio Lower Upper
117 100
119 7.1 77.9 116.9#
121 0.0 24.8 37.2#

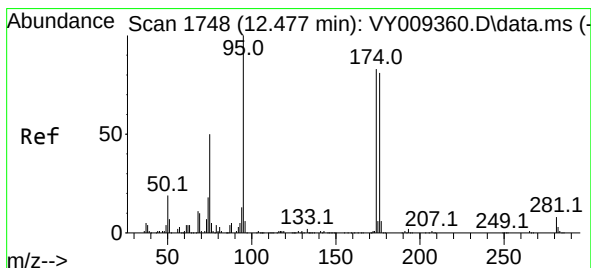
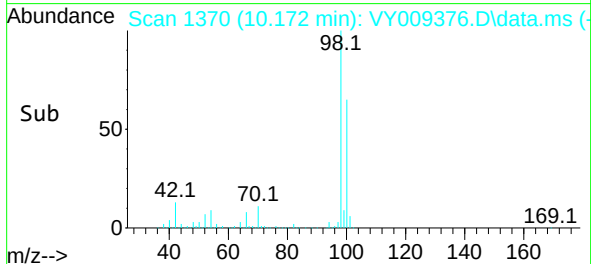
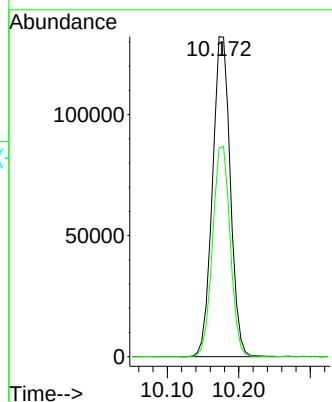
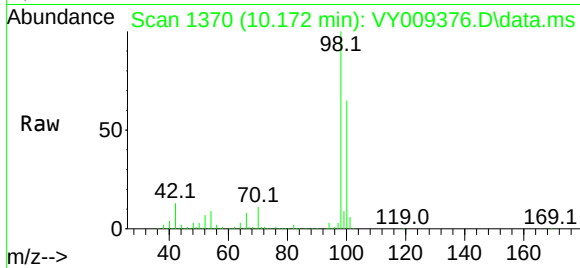




#50
Toluene-d8
Concen: 53.815 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

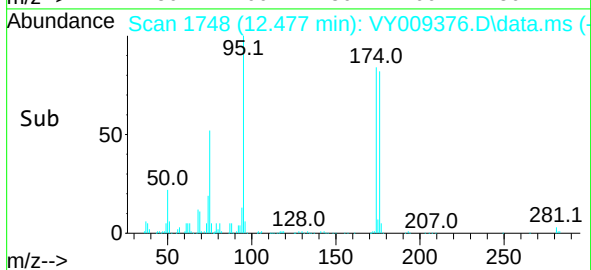
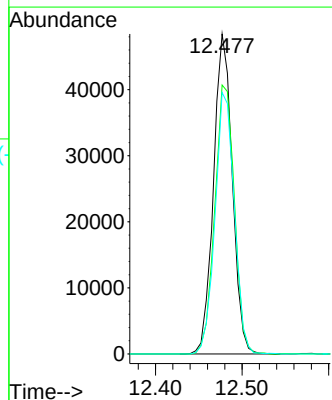
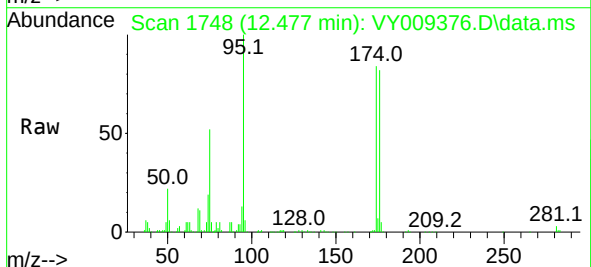
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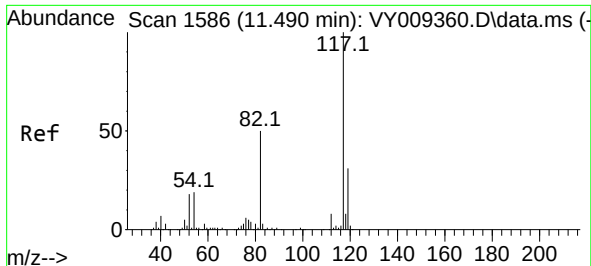
Tgt Ion: 98 Resp: 228945
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.092 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

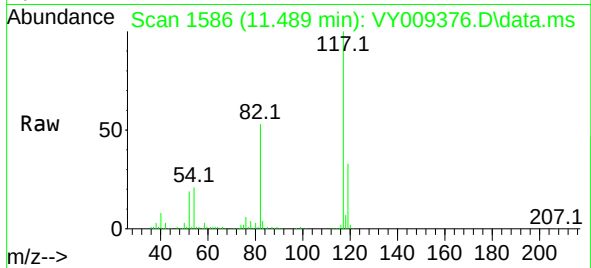
Tgt Ion: 95 Resp: 72822
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 83.8 0.0 175.8



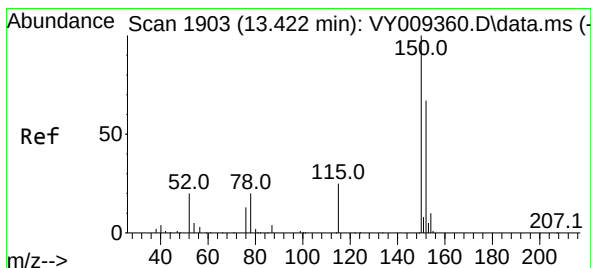
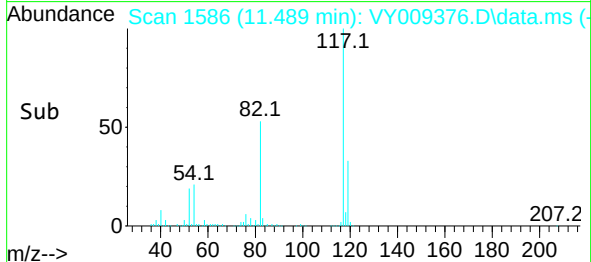
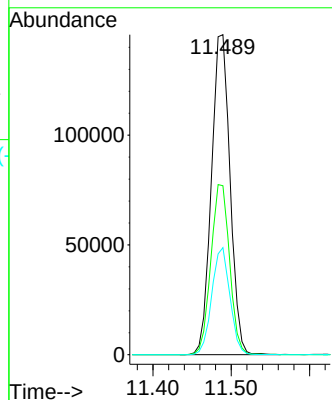


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9-11-20220622

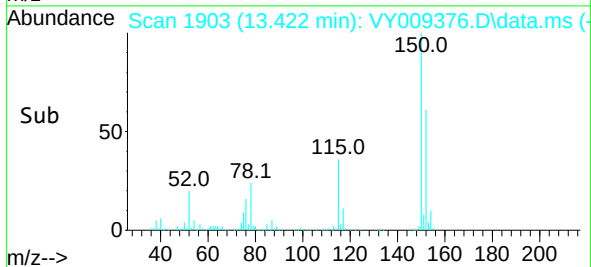
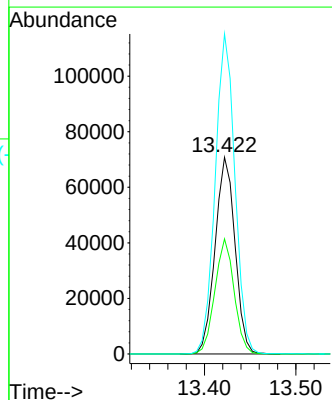
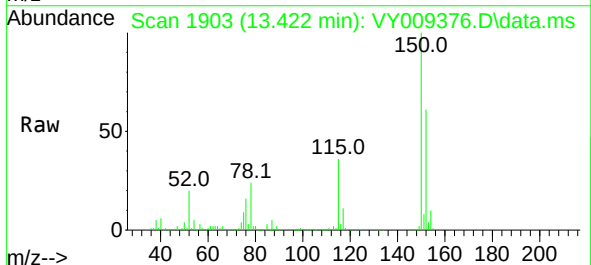


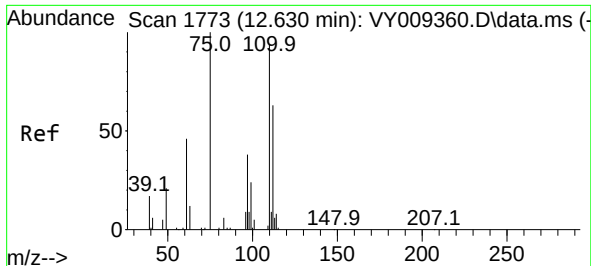
Tgt Ion:117 Resp: 240975
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 33.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Tgt Ion:152 Resp: 107387
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 161.3 0.0 347.6

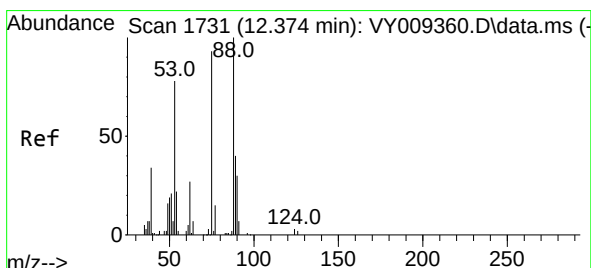
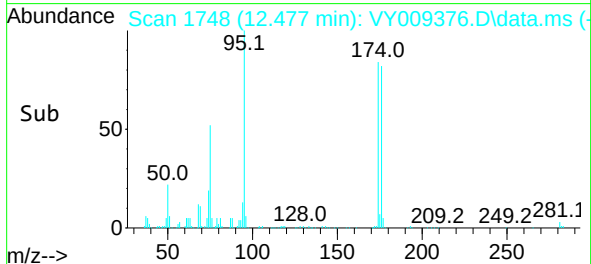
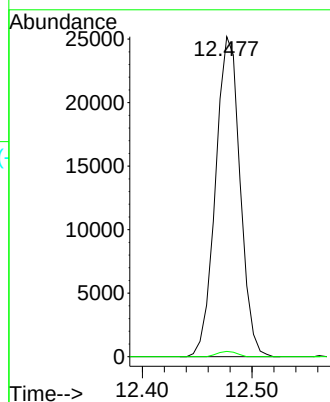
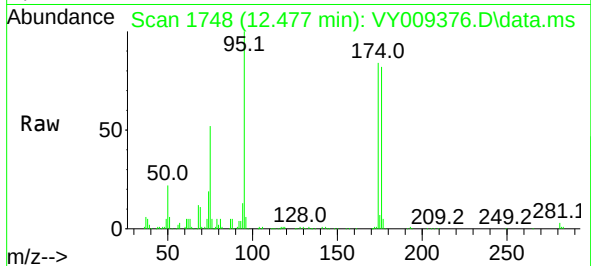




#76
1,2,3-Trichloropropane
Concen: 31.181 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9-11-20220622

Tgt Ion: 75 Resp: 39213
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.424 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009376.D
Acq: 29 Jun 2022 16:31

Tgt Ion: 75 Resp: 39213
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

